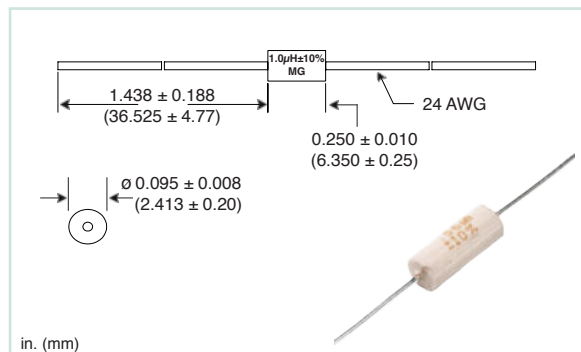


10MG 
10MGLF 

Non-Magnetic Inductor



PART NUMBER	L μ H	Q MIN	L&Q TEST FREQ MHz	SRF MIN MHz	DCR Ω MAX	CURRENT RATING mA DC
NON-MAGNETIC COIL FORM						
10MG100K	0.10	40	25	680	0.08	1350
10MG120K	0.12	40	25	640	0.09	1270
10MG150K	0.15	38	25	600	0.10	1200
10MG180K	0.18	35	25	550	0.12	1105
10MG220K	0.22	33	25	510	0.14	1025
10MG270K	0.27	33	25	430	0.16	960
10MG330K	0.33	30	25	410	0.22	815
10MG390K	0.39	30	25	365	0.30	700
10MG470K	0.47	30	25	330	0.35	650
10MG560K	0.56	30	25	300	0.50	545
10MG680K	0.68	28	25	275	0.60	495
10MG820K	0.82	28	25	250	0.85	415
10MG101K	1.00	25	25	230	1.00	385

NOTES:

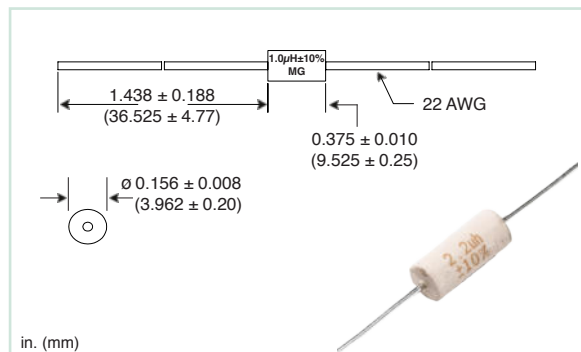
- **Operating Temperature Range:** -55°C to +125°C
- **Current Rating** is based on a 35°C temperature rise at an ambient temperature of 90°C
- **Relative Permeability:** ≤ 1.00003
- **Weight Max:** 0.30 grams
- **Marking:** Inductance; Tolerance; MG
1.0 μ H $\pm$ 10%
MG
- Medical Grade
- Used in imaging equipment where non-magnetic inductors are required
- Epoxy-encapsulated for environmental protection and superior strength to withstand all types of reflow soldering
- When ordering, specify **tolerance & termination:**
10MG100KLF
Tolerance: M = 20%, K = 10%
(Table shows lowest standard tolerance option)
*Optional tolerances are available; contact factory
Termination: LF = RoHS compliant tin-silver copper over copper
- Custom designs are available to meet your specific requirements; please contact factory

TAPE AND REEL SPECS:

Pcs./Reel maximum: 3500
Pitch between parts: 0.200 in.
Tape width: 2.062 in.
Reel diameter: 12 in.
Class: 1

15MG
15MGLF

Non-Magnetic Inductor



PART NUMBER	L μH	Q MIN	L&Q TEST FREQ MHz	SRF MIN MHz	DCR Ω MAX	CURRENT RATING mA DC
NON-MAGNETIC COIL FORM						
15MG100K	0.10	50	25	550	0.025	2698
15MG120K	0.12	50	25	530	0.028	2549
15MG150K	0.15	50	25	520	0.030	2450
15MG180K	0.18	50	25	475	0.040	2133
15MG220K	0.22	50	25	450	0.055	1900
15MG270K	0.27	45	25	375	0.070	1612
15MG330K	0.33	45	25	360	0.090	1400
15MG390K	0.39	45	25	325	0.100	1349
15MG470K	0.47	45	25	310	0.120	1225
15MG560K	0.56	50	25	280	0.135	1220
15MG680K	0.68	50	25	250	0.150	1100
15MG820K	0.82	50	25	220	0.220	900
15MG101K	1.00	50	25	200	0.290	830
15MG121K	1.20	33	7.9	180	0.420	650
15MG151K	1.50	33	7.9	160	0.500	600
15MG181K	1.80	33	7.9	150	0.650	525
15MG221K	2.20	33	7.9	135	0.950	435
15MG271K	2.70	33	7.9	120	1.200	385
15MG331K	3.30	33	7.9	110	2.000	300
15MG391K	3.90	33	7.9	100	2.300	280
15MG471K	4.70	33	7.9	90	2.600	260

NOTES:

- **Operating Temperature Range:**
-55°C to +125°C
- **Current Rating** is based on a 35°C temperature rise at an ambient temperature of 90°C
- **Relative Permeability:** ≤ 1.00003
- **Weight Max:** 0.65 grams
- **Marking:** Inductance; Tolerance; MG
1.0μH±10%
MG
- Medical Grade
- Used in imaging equipment where non-magnetic inductors are required
- Epoxy-encapsulated for environmental protection and superior strength to withstand all types of reflow soldering
- When ordering, specify **tolerance & termination:**
15MG100KLF
Tolerance: M = 20%, K = 10%
(Table shows lowest standard tolerance option)
*Optional tolerances are available; contact factory
Termination: LF = RoHS compliant tin-silver copper over copper
- Custom designs are available to meet your specific requirements; please contact factory

TAPE AND REEL SPECS:

Pcs./Reel maximum:	2500
Pitch between parts:	0.200 in.
Tape width:	2.062 in.
Reel diameter:	12 in.
Class:	1

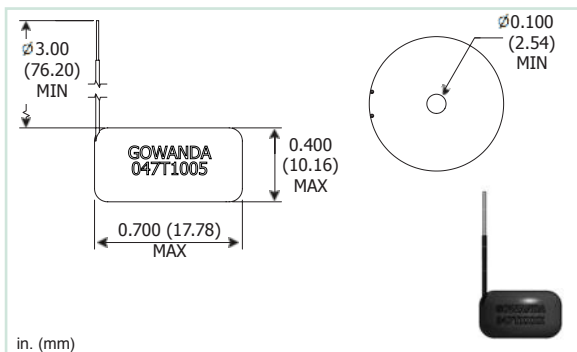
047T



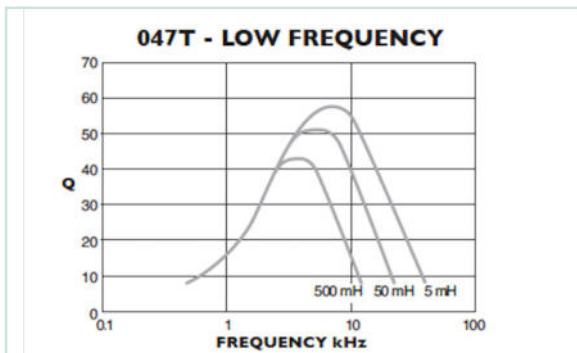
047TLF*



High Inductance Self-Leaded Toroidal Inductor



in. (mm)



PART NUMBER	L mH @ 1 kHz	SRF MIN MHz	DCR Ω MAX	CURRENT RATING mA DC
LOW FREQUENCY				
047T1005	10	240	3	235
047T2005	20	160	6	150
047T5005	50	100	15	93
047T1006	100	65	30	60
047T2006	200	45	60	47
047T5006	500	25	110	28
047T1007	1000	20	290	18
047T2007	2000	14	575	11

NOTES:

- **Operating Temperature Range:**
-40°C to +105°C
- **Current Rating** is based on a 15°C temperature rise at an ambient temperature of 90°C
- **Weight Max:** 6.3 grams
- **Marking:** GOWANDA; Series; XXXX (dash #)
GOWANDA
047T1005
- 24 AWG stranded copper, tinned teflon insulated leads
- Vinyl coated, non-flammable, abrasion & moisture resistant
- High Q and wide selection of Q vs. Frequency ranges
- When ordering, specify **termination:**
047T1005LF
- **Tolerance:** All part numbers provide 2% tolerance on inductance
**Optional tolerances are available; contact factory*
- **Termination:** LF = RoHS compliant tin-silver copper over copper
- Custom designs are available to meet your specific requirements; please contact factory

PACKAGING SPECS:

Bulk

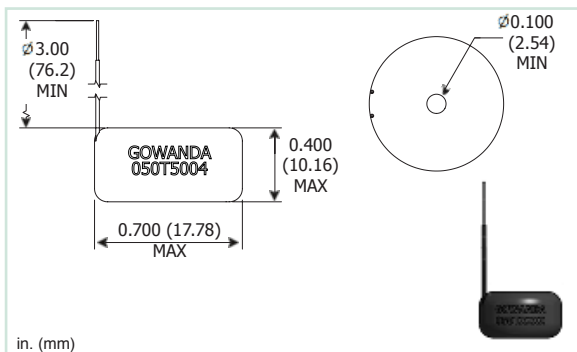
050T



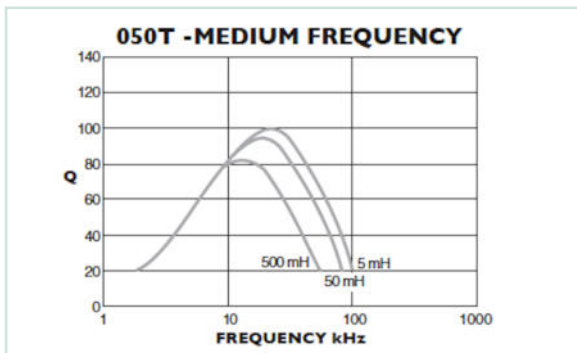
050TLF*



High Inductance Self-Leaded Toroidal Inductor



PART NUMBER	L mH @ 1 kHz	SRF MIN MHz	DCR Ω MAX	CURRENT RATING mA DC
MEDIUM FREQUENCY				
050T5004	5	350	2.5	235
050T1005	10	240	5.0	150
050T2005	20	160	12	118
050T5005	50	100	25	74
050T1006	100	65	50	47
050T2006	200	45	120	28
050T5006	500	25	300	23
050T1007	1000	20	550	11



NOTES:

- **Operating Temperature Range:**
-40°C to +105°C
- **Current Rating** is based on a 15°C temperature rise at an ambient temperature of 90°C
- **Weight Max:** 5.7 grams
- **Marking:** GOWANDA; Series; XXXX (dash #)
GOWANDA
050T5004
- 24 AWG stranded copper, tinned teflon insulated leads
- Vinyl coated, non-flammable, abrasion & moisture resistant
- High Q and wide selection of Q vs. Frequency ranges
- When ordering, specify **termination:**
050T5004LF
- **Tolerance:** All part numbers provide 2% tolerance on inductance
**Optional tolerances are available; contact factory*
- **Termination:** LF = RoHS compliant tin-silver copper over copper
- Custom designs are available to meet your specific requirements; please contact factory

PACKAGING SPECS:

Bulk

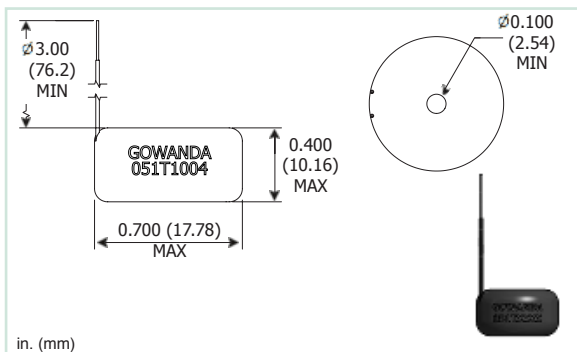
051T



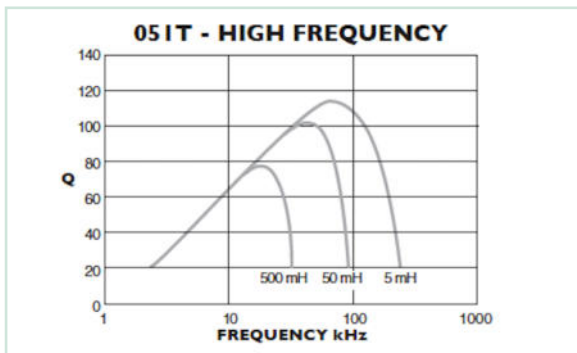
051TLF*



High Inductance Self-Leaded Toroidal Inductor



in. (mm)



PART NUMBER	L mH @ 1 kHz	SRF MIN MHz	DCR Ω MAX	CURRENT RATING mA DC
HIGH FREQUENCY				
051T1004	1	850	1.3	380
051T2004	2	600	2.3	235
051T5004	5	370	5.0	190
051T1005	10	250	12	118
051T2005	20	180	22	74
051T5005	50	100	55	47
051T1006	100	70	115	36
051T2006	200	50	200	28
051T3006	300	40	350	18
051T5006	500	30	520	14

NOTES:

- **Operating Temperature Range:**
-40°C to +105°C
- **Current Rating** is based on a 15°C temperature rise at an ambient temperature of 90°C
- **Weight Max:** 5.8 grams
- **Marking:** GOWANDA; Series; XXXX (dash #)
GOWANDA
051T1004
- 24 AWG stranded copper, tinned teflon insulated leads
- Vinyl coated, non-flammable, abrasion & moisture resistant
- High Q and wide selection of Q vs. Frequency ranges
- When ordering, specify **termination:**
051T1004LF
- **Tolerance:** All part numbers provide 2% tolerance on inductance
**Optional tolerances are available; contact factory*
- **Termination:** LF = RoHS compliant tin-silver copper over copper
- Custom designs are available to meet your specific requirements; please contact factory

PACKAGING SPECS:

Bulk

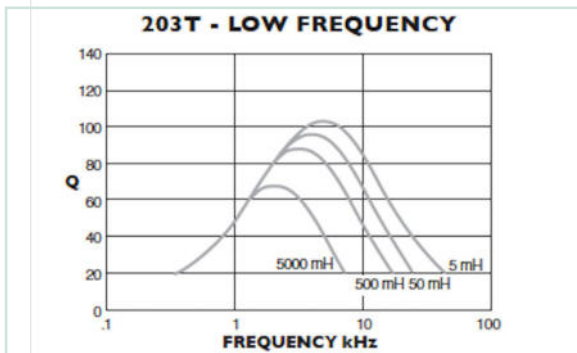
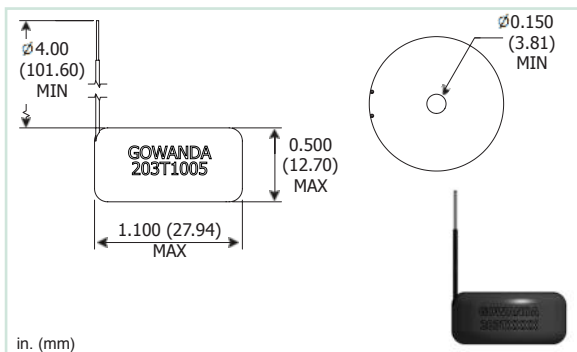
203T



203TLF*



High Inductance Self-Leaded Toroidal Inductor



PART NUMBER	L mH @ 1 kHz	SRF MIN MHz	DCR Ω MAX	CURRENT RATING mA DC
MEDIUM FREQUENCY				
203T1005	10	220	1.5	380
203T2005	20	150	2.5	305
203T5005	50	90	6.0	239
203T1006	100	60	14	120
203T2006	200	40	25	95
203T5006	500	25	65	59
203T1007	1000	18	135	48
203T2007	2000	13	250	38
203T5007	5000	11	680	18

NOTES:

- **Operating Temperature Range:**
-40°C to +105°C
- **Current Rating** is based on a 15°C temperature rise at an ambient temperature of 90°C
- **Weight Max:** 18 grams
- **Marking:** GOWANDA; Series; XXXX (dash #)
GOWANDA
203T1005
- 24 AWG stranded copper, tinned teflon insulated leads
- Vinyl coated, non-flammable, abrasion & moisture resistant
- High Q and wide selection of Q vs. Frequency ranges
- When ordering, specify **termination:**
203T1005LF
- **Tolerance:** All part numbers provide 2% tolerance on inductance
**Optional tolerances are available; contact factory*
- **Termination:** LF = RoHS compliant tin-silver copper over copper
- Custom designs are available to meet your specific requirements; please contact factory

PACKAGING SPECS:

Bulk

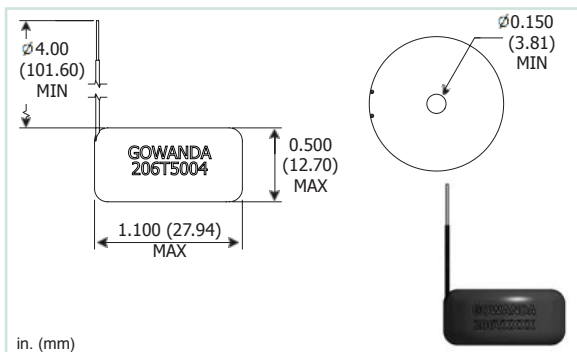
206T



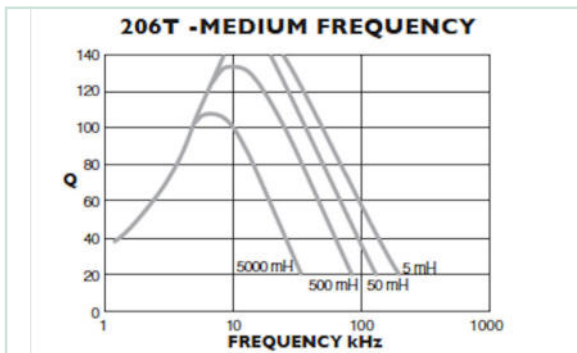
206TLF*



High Inductance Self-Leaded Toroidal Inductor



in. (mm)



PART NUMBER	L mH @ 1 kHz	SRF MIN MHz	DCR Ω MAX	CURRENT RATING mA DC
MEDIUM FREQUENCY				
206T5004	5	300	1.0	482
206T1005	10	220	2.5	305
206T2005	20	150	4.0	239
206T5005	50	90	10	120
206T1006	100	60	22	95
206T2006	200	40	50	75
206T5006	500	25	95	48
206T1007	1000	18	220	29
206T2007	2000	13	480	23

NOTES:

- **Operating Temperature Range:**
-40°C to +105°C
- **Current Rating** is based on a 15°C temperature rise at an ambient temperature of 90°C
- **Weight Max:** 18 grams
- **Marking:** GOWANDA; Series; XXXX (dash #)
GOWANDA
206T5004
- 24 AWG stranded copper, tinned teflon insulated leads
- Vinyl coated, non-flammable, abrasion & moisture resistant
- High Q and wide selection of Q vs. Frequency ranges
- When ordering, specify **termination:**
206T5004LF
- **Tolerance:** All part numbers provide 2% tolerance on inductance
**Optional tolerances are available; contact factory*
- **Termination:** LF = RoHS compliant tin-silver copper over copper
- Custom designs are available to meet your specific requirements; please contact factory

PACKAGING SPECS:

Bulk

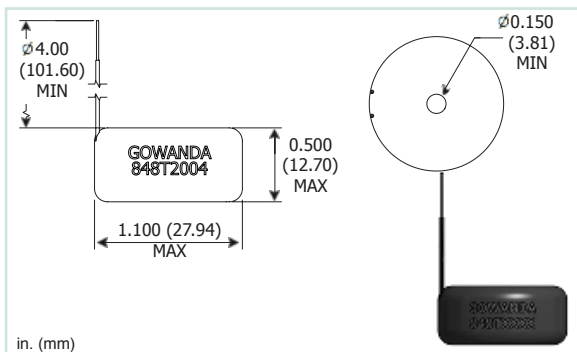
848T



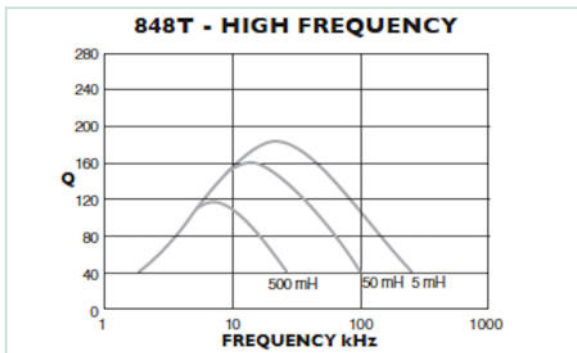
848TLF*



High Inductance Self-Leaded Toroidal Inductor



in. (mm)



PART NUMBER	L mH @ 1 kHz	SRF MIN MHz	DCR Ω MAX	CURRENT RATING mA DC
HIGH FREQUENCY				
848T2004	2	500	1.0	482
848T5004	5	300	2.3	305
848T1005	10	210	5.2	239
848T2005	20	145	10	189
848T5005	50	90	23	95
848T1006	100	60	60	75
848T2006	200	40	95	48
848T3006	300	35	150	48
848T5006	500	25	250	29

NOTES:

- **Operating Temperature Range:**
-40°C to +105°C
- **Current Rating** is based on a 15°C temperature rise at an ambient temperature of 90°C
- **Weight Max:** 18 grams
- **Marking:** GOWANDA; Series; XXXX (dash #)
GOWANDA
848T2004
- 24 AWG stranded copper, tinned teflon insulated leads
- Vinyl coated, non-flammable, abrasion & moisture resistant
- High Q and wide selection of Q vs. Frequency ranges
- When ordering, specify **termination:**
848T2004LF
- **Tolerance:** All part numbers provide 2% tolerance on inductance
**Optional tolerances are available; contact factory*
- **Termination:** LF = RoHS compliant tin-silver copper over copper
- Custom designs are available to meet your specific requirements; please contact factory

PACKAGING SPECS:

Bulk

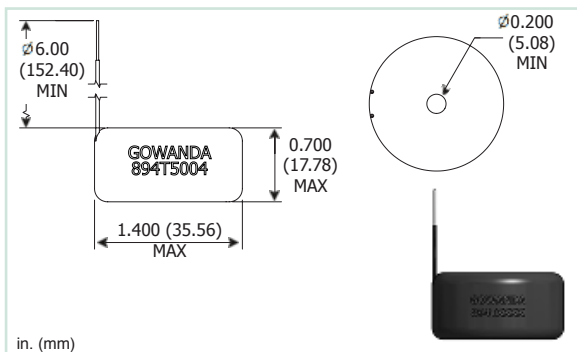
894T



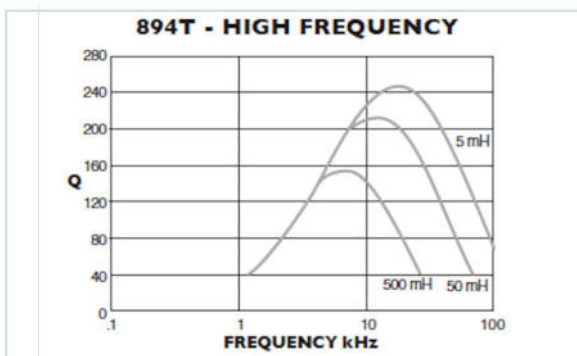
894TLF*



High Inductance Self-Leaded Toroidal Inductor



in. (mm)



PART NUMBER	L mH @ 1 kHz	SRF MIN MHz	DCR Ω MAX	CURRENT RATING mA DC
HIGH FREQUENCY				
894T5004	5	250	1.0	825
894T1005	10	175	2.5	516
894T2005	20	120	4.5	324
894T3005	30	95	7.0	260
894T5005	50	70	12	204
894T1006	100	50	25	161
894T2006	200	35	45	102
894T3006	300	25	70	81
894T5006	500	20	120	64

NOTES:

- **Operating Temperature Range:**
-40°C to +105°C
- **Current Rating** is based on a 15°C temperature rise at an ambient temperature of 90°C
- **Weight Max:** 54 grams
- **Marking:** GOWANDA; Series; XXXX (dash #)
GOWANDA
894T5004
- 24 AWG stranded copper, tinned teflon insulated leads
- Vinyl coated, non-flammable, abrasion & moisture resistant
- High Q and wide selection of Q vs. Frequency ranges
- When ordering, specify **termination:**
894T5004LF
- **Tolerance:** All part numbers provide 2% tolerance on inductance
**Optional tolerances are available; contact factory*
- **Termination:** LF = RoHS compliant tin-silver copper over copper
- Custom designs are available to meet your specific requirements; please contact factory

PACKAGING SPECS:

Bulk

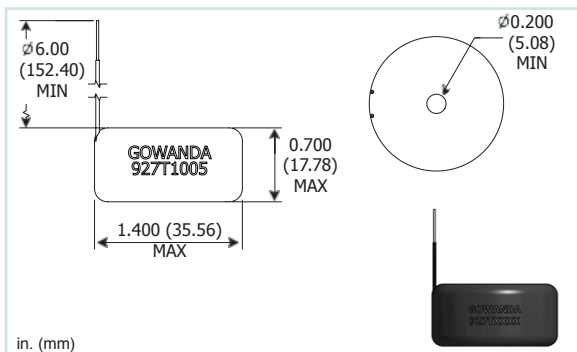
927T



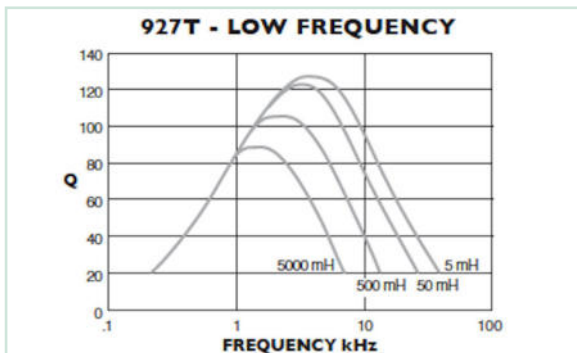
927TLF*



High Inductance Self-Leaded Toroidal Inductor



in. (mm)



PART NUMBER	L mH @ 1 kHz	SRF MIN MHz	DCR Ω MAX	CURRENT RATING mA DC
LOW FREQUENCY				
927T1005	10	170	0.8	825
927T2005	20	126	1.6	654
927T5005	50	70	4.5	324
927T1006	100	50	7.0	260
927T2006	200	30	13	204
927T5006	500	20	30	130
927T1007	1000	15	70	81
927T2007	2000	10	125	64
927T5007	5000	6	300	41

NOTES:

- **Operating Temperature Range:**
-40°C to +105°C
- **Current Rating** is based on a 15°C temperature rise at an ambient temperature of 90°C
- **Weight Max:** 54 grams
- **Marking:** GOWANDA; Series; XXXX (dash #)
GOWANDA
927T1005
- 24 AWG stranded copper, tinned teflon insulated leads
- Vinyl coated, non-flammable, abrasion & moisture resistant
- High Q and wide selection of Q vs. Frequency ranges
- When ordering, specify **termination:**
927T1005LF
- **Tolerance:** All part numbers provide 2% tolerance on inductance
**Optional tolerances are available; contact factory*
- **Termination:** LF = RoHS compliant tin-silver copper over copper
- Custom designs are available to meet your specific requirements; please contact factory

PACKAGING SPECS:

Bulk

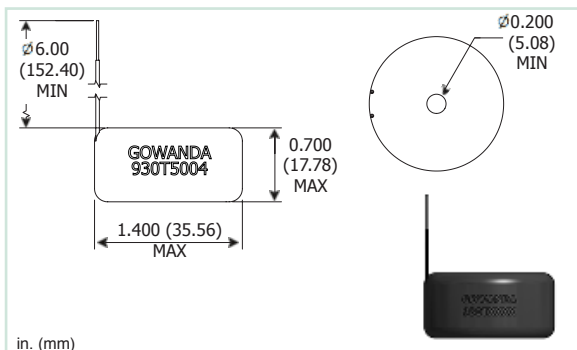
930T



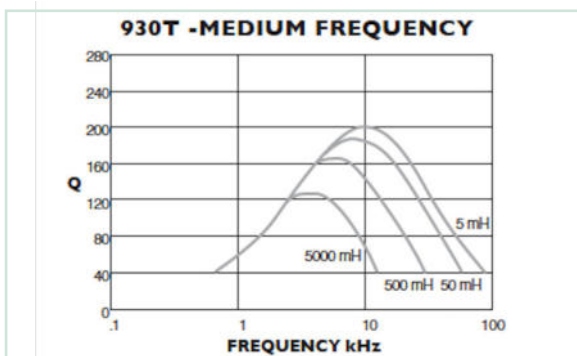
930TLF*



High Inductance Self-Leaded Toroidal Inductor



in. (mm)



PART NUMBER	L mH @ 1 kHz	SRF MIN MHz	DCR Ω MAX	CURRENT RATING mA DC
MEDIUM FREQUENCY				
930T5004	5	250	0.7	1043
930T1005	10	170	1.2	654
930T2005	20	125	2.0	516
930T5005	50	70	6.0	324
930T1006	100	50	11	204
930T2006	200	32	25	161
930T5006	500	20	62	102
930T1007	1000	15	110	81
930T5007	5000	6	620	32

NOTES:

- **Operating Temperature Range:**
-40°C to +105°C
- **Current Rating** is based on a 15°C temperature rise at an ambient temperature of 90°C
- **Weight Max:** 54 grams
- **Marking:** GOWANDA; Series; XXXX (dash #)
GOWANDA
930T5004
- 24 AWG stranded copper, tinned teflon insulated leads
- Vinyl coated, non-flammable, abrasion & moisture resistant
- High Q and wide selection of Q vs. Frequency ranges
- When ordering, specify **termination:**
930T5004LF
- **Tolerance:** All part numbers provide 2% tolerance on inductance
*Optional tolerances are available; contact factory
- **Termination:** LF = RoHS compliant tin-silver copper over copper
- Custom designs are available to meet your specific requirements; please contact factory

PACKAGING SPECS:

Bulk